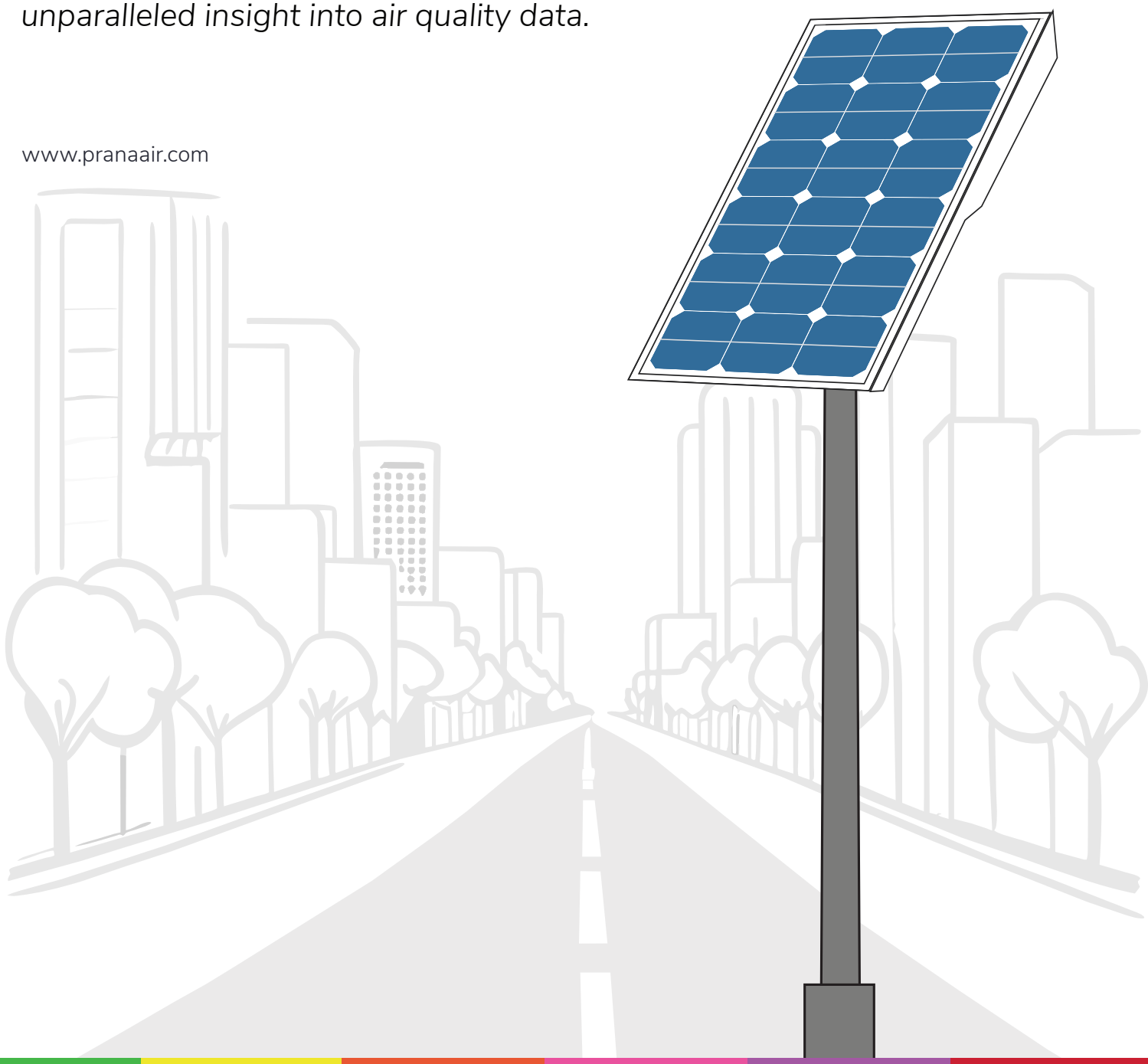
Prana Air

Ambient Lite Solar

Air Quality Monitor

Experience the power of visualization with our advanced monitor, offering unparalleled insight into air quality data.

www.pranaair.com



Ambient lite **Solar**

Our Ambient Lite Solar Air Quality Monitor where your search stops if you are looking to quantify the concentration and impact of air toxin at an outdoor location. The user can accurately monitor all primary air pollutants and toxic gases simultaneously!

Air Quality Index

Particulate matter(1,2.5&10)

Carbon monoxide

Carbon dioxide

Sulphur dioxide

Nitrogen dioxide

Hydrogen sulphide

Methane

Ozone

Oxygen

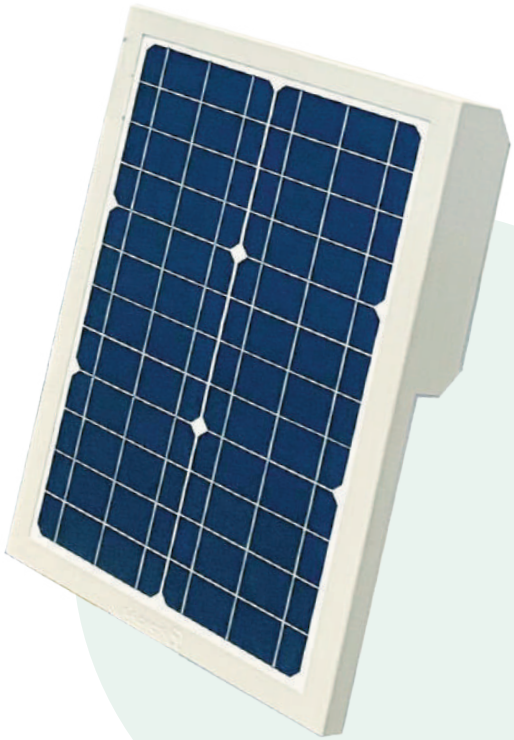
TVOC

Nitric oxide

Temperature

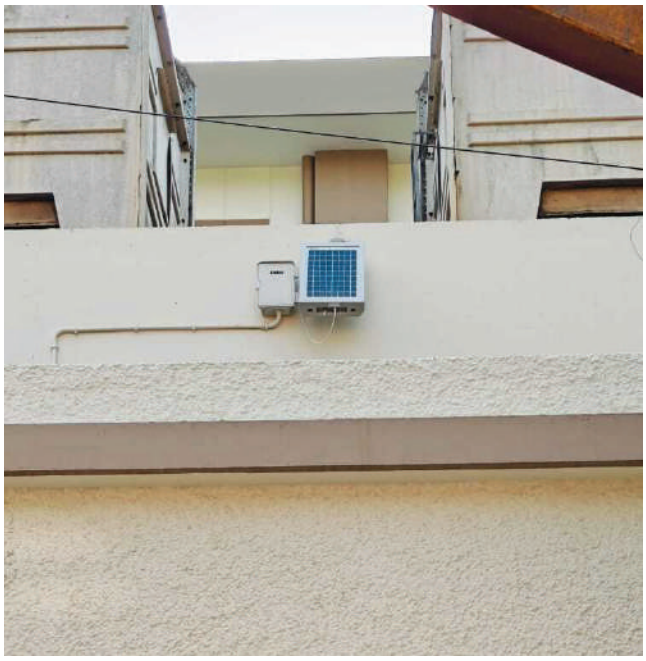
Humidity

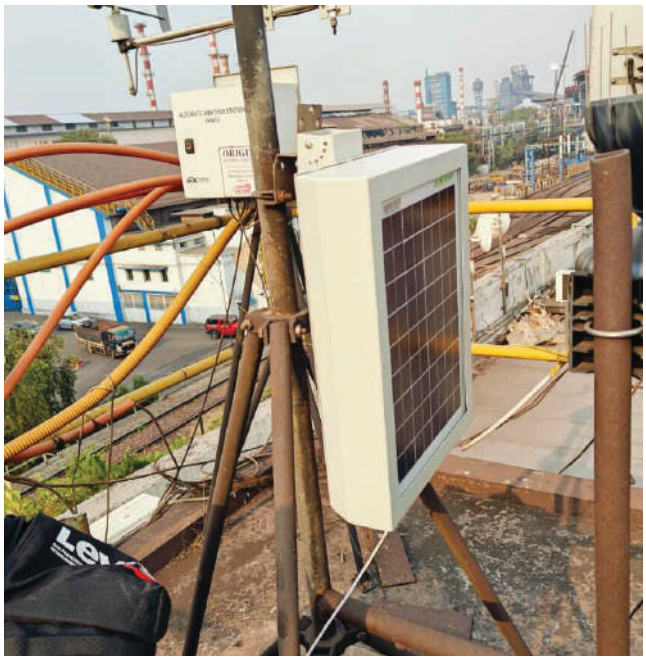
Noise

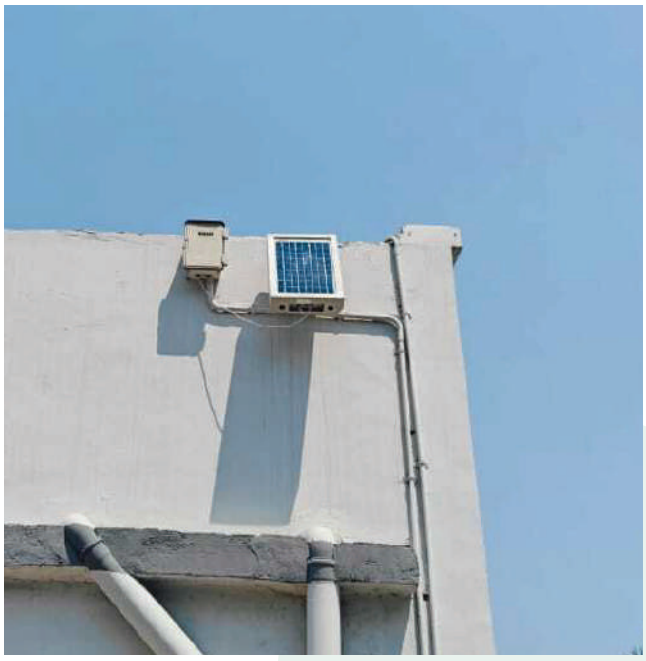


Designed to be **discreet**

With a minimalistic design and aesthetical design , Ambient Lite Solar is tailor-made for commercial, industrial, and research-based applications. It flexibly blends with any outdoor environment- Construction sites, Airpoets, Railways, Highways, Traffic junction and more.





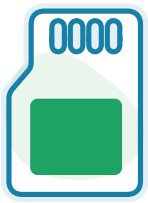


Salient Features

Measures
15 Parameters

Self-powered
monitor

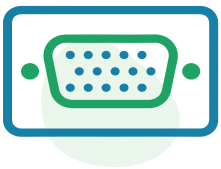
20,000mAh
Battery



SD Card
storage

Weatherproof
Housing

Inbuilt
Solar Panel



Wifi/4G or
RS485 connectivity

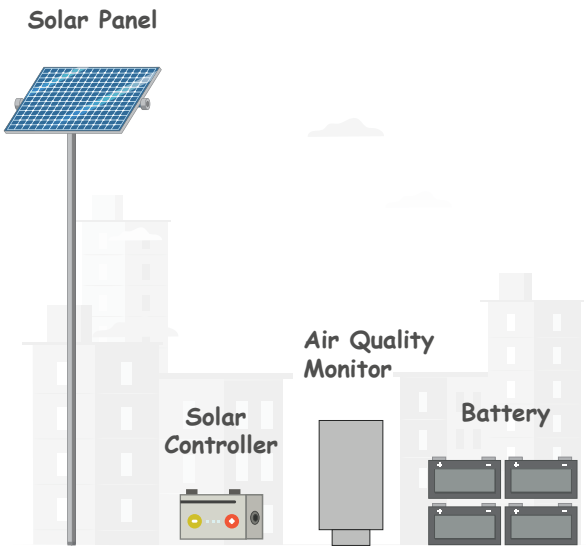
Easy to
Install

Device **Comparison**

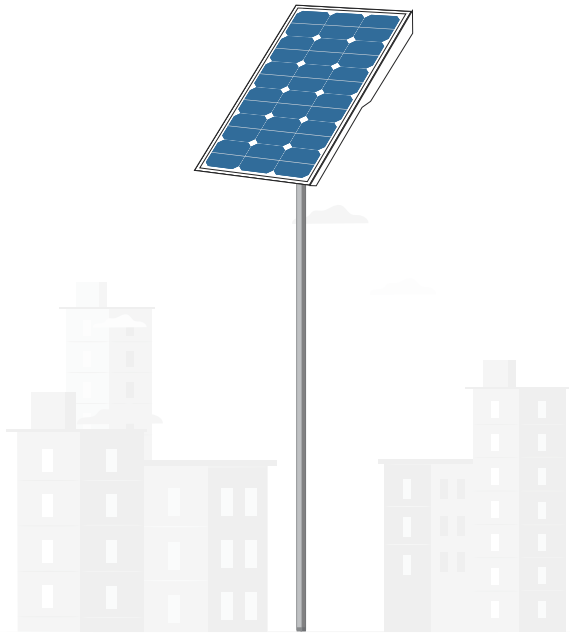
Our Ambient Lite-Solar is the superior choice for pollutant measurement. Compared to other air quality monitors equipped with solar panels, our monitor stands out as the ultimate solution. Its compact design, easy installation, portability, and integration of multiple components into a single device place it at the forefront.

Components required :

1. Solar panel
2. Solar controller
3. Battery
4. Air Quality Monitor
5. Weather proof housing



All components in one monitor



Other Device with Solar Panels

- Traditional devices with solar panels typically require a solar controller, solar panel, and battery to operate effectively.
- However, the numerous components involved in the setup can make installation complex. Additionally, any damage to a single component can halt the entire system's functionality.

Ambient Lite Solar

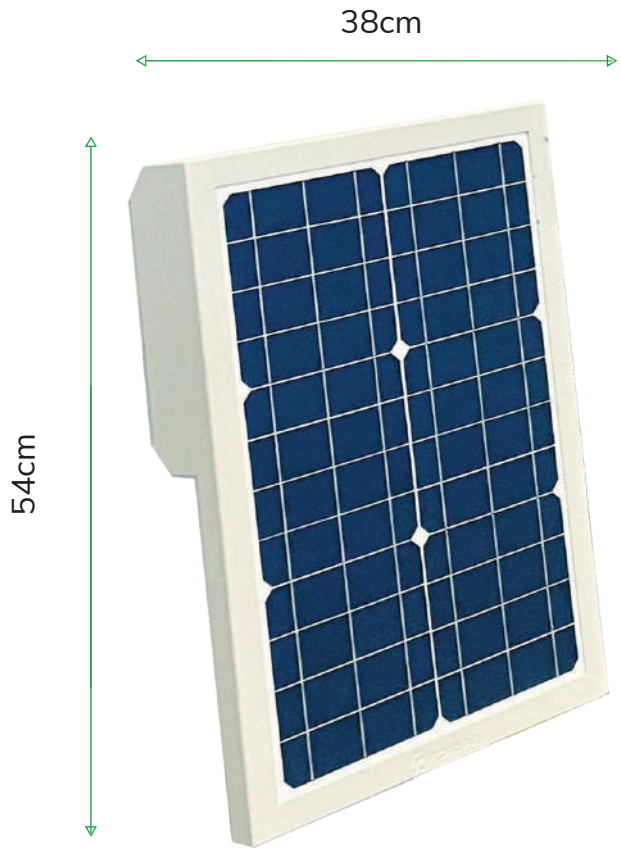
- With our innovative solution, the solar controller, solar panel, and battery are all integrated into a single device. There's no need for separate installations.
- The streamlined design of our device, with all components built-in, simplifies installation and saves space.

Technical **Specifications**

Product Name	Sensor Type	Range	Resolution	Accuracy
PM10, PM2.5 & PM1	90° Light Scattering	0 to 30,000µg/m3	1 µg/m3	0-150 µg/m3 is for ±10% & for 150 µg/m3 onwards is ±15%
Temperature	Digital Sensor	-40 to 70 °C	0.1°C	±5°C
Humidity	Digital Sensor	0 to 100% RH	1% RH	±3% RH
Carbon Dioxide (CO_2)	NDIR	1 to 10,000ppm	1ppm	±3%
Nitrogen Dioxide (NO_2)	Electrochemical	0 to 20ppm	1ppb	±3%
Carbon Monoxide (CO)	Electrochemical	0 to 1000ppm	10ppb	±3%
Sulphur Dioxide (SO_2)	Electrochemical	0 to 100ppm	1ppb	±3%
Ozone (O_3)	Electrochemical	0 to 20ppm	1ppb	±3%
Nitric Oxide (NO)	Electrochemical	0 to 20ppm	1ppb	±3%
TVOC	MOS	0 to 65ppm	10ppb	±3%
Hydrogen Sulphide (H_2S)	Electrochemical	0 to 100ppm	1ppb	±3%
Noise	Noise	30-140dB	1dB	±3%
Methane (CH_4)	PID	0 to 20ppm	0.1 %	±3%
Oxygen (O_2)	Electrochemical	0 to 30%	1%	±3%

Product **Specifications**

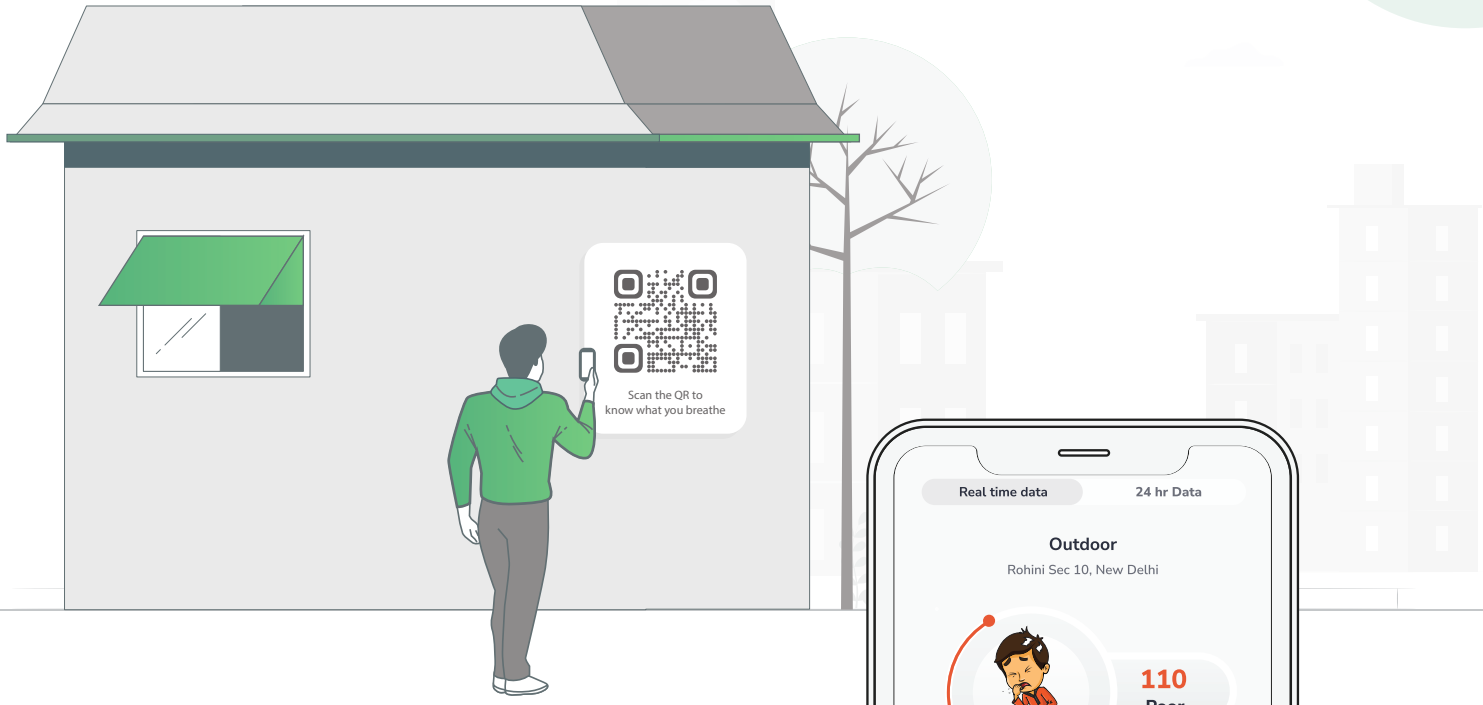
Features	Descirption
Connectivity	Wifi/4G or RS485
Housing	Weather proof
Data Accessibility	AQI mobile & smart TV app, and web-dashboard
Storage	Micro SD Card Storage + Cloud Storage (with AQI Dashboard)
Web Dashboard	Live web dashboard for remote data access
Mobile App	AQI INDIA (availabe on ios and android)
Battery	20,000mAh
Weight	7.5 kg

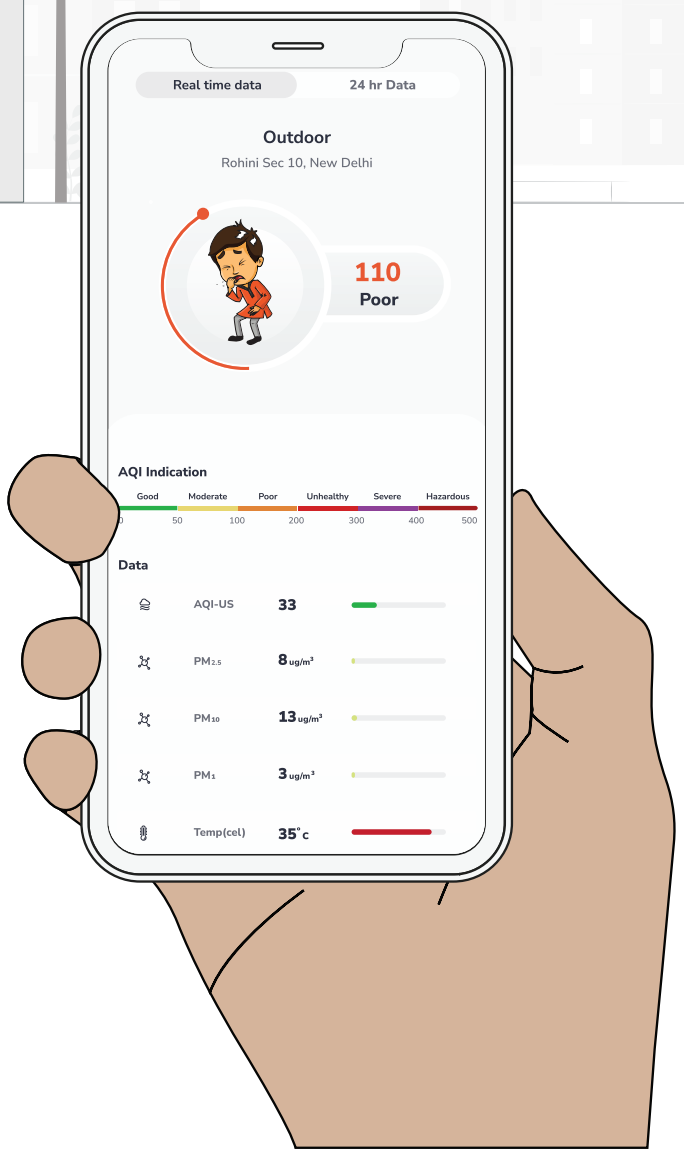


Thickness : 9cm

Scan the **QR Code**

Monitor the air around you by scanning the AQI QR code anytime, anywhere.





"Experience hassle-free air quality monitoring with our QR code scan feature that provides air quality results within seconds."

Mobile **Appplication**

Download the AQI App

GET IN ON Google Play

Download on the App Store

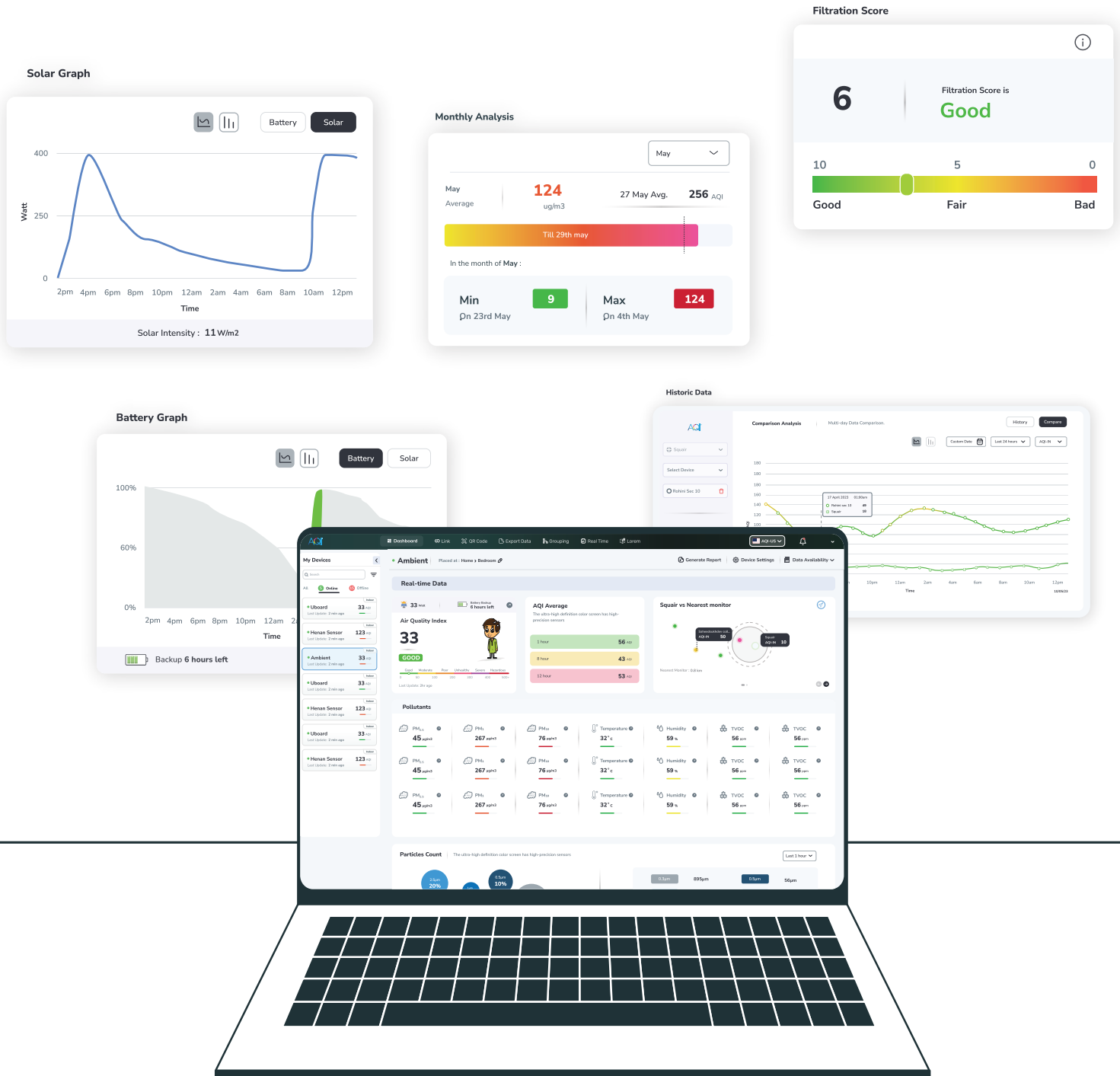
Facilitating your ability to make well-informed decisions effortlessly, no matter your location or the time of day, our platform ensures seamless access to the essential data you require.

Web **Dashboard**

www.aqi.in

Our platform facilitates informed decision-making effortlessly, offering seamless access to essential data regardless of time or location.

Dashboard | Compare | Tree View | Link | Export File | QR Code



TV Appplication

Easily enhance your environmental awareness by seamlessly integrating our application into your Android TV, allowing you to display real-time air quality data on your television screen 24/7.

Choose from multiple ranges of themes

Integrated and controlled via the AQI mobile app

Compare your indoor air quality with outdoor

Trusted By

We are honored to work with so many well-known market giants.

TATA

Microsoft

L&T

asianpaints

CII
Confederation of Indian Industry

इंगाँपअकें
IGCAR

RENAULT NISSAN

GMDA

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IIT INDIAN INSTITUTE OF TECHNOLOGY

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SIEMENS

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